

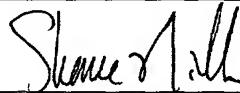
JC961 U.S. PTO  
12/21/01

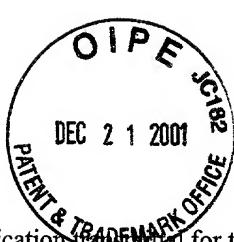
12-31-01

1C971 U.S. PTO  
10/03/2006

12/21/01

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		<i>Title of Invention</i>	Increasing Data Throughput In Optical Fiber Transmission Systems
<i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		<i>Named Inventor(s)</i>	Michael G. Vrazel; Stephen E. Ralph; Joy Laskar; Sungyong Jung; Vincent Mark Hietala; Edward Gebara
		<i>Attorney Docket</i>	07982.105010
		<i>Express Mail Label No.</i>	EK006042445US

<b>APPLICATION ELEMENTS</b>		<b>Commissioner For Patents ADDRESS TO:</b> Box Patent Application Washington, D.C. 20231
		<b>ACCOMPANYING APPLICATION PARTS</b>
1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i>	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i>	
3. <input checked="" type="checkbox"/> Specification, Claims, and Abstract Total Pages 61	11. <input type="checkbox"/> Power of Attorney by assignee	
4. <input checked="" type="checkbox"/> Drawings Total Sheets 25	12. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>	
5. Oath or Declaration Total Pages _____	13. <input type="checkbox"/> Information Disclosure Statement (IDS) PTO-1449	
a. <input type="checkbox"/> Newly executed (original or copy)	14. <input checked="" type="checkbox"/> Copies of IDS Citations	
b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i>	15. <input type="checkbox"/> Preliminary Amendment	
(i) <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.	17. <input type="checkbox"/> Certified Copy of Priority Document(s)	
7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i>	18. <input type="checkbox"/> Assignee: _____	
8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>	19. <input checked="" type="checkbox"/> Other: Unsigned Declaration and Power of Attorney (12 Pages)	
a. <input type="checkbox"/> Computer Readable Form (CRF)		
b. Specification Sequence Listing on:		
i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or		
ii. <input type="checkbox"/> paper		
c. <input type="checkbox"/> Statement verifying identity of above copies		
17. If a <b>CONTINUING APPLICATION</b> , check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: Prior application information: Examiner: Group/Art Unit:		
For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.		
18. CORRESPONDENCE ADDRESS:  A. Shane Nichols, Esq. KING & SPALDING 45 <sup>th</sup> Floor 191 Peachtree Street, N.E. Atlanta, Georgia 30303  By:  Reg. No. 43,836 Date: December 21, 2001 Telephone: 404.572.4600 Facsimile: 404.572.5145 Customer No. 20786		

**FEE TRANSMITTAL**

Attorney Docket No. 07982.105010  
Express Mail Label No. EK006042445US

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): **Michael G. Vrazel; Stephen E. Ralph; Joy Laskar; Sungyong Jung; Vincent Mark Hietala; Edward Gebara**

Filing Date: **December 21, 2001**

Title: **Increasing Data Throughput In Optical Fiber Transmission Systems**

The filing fee is calculated as shown below:

**1. FILING FEE:**

FOR:	SMALL ENTITY	LARGE ENTITY
FEE	FEE PAID	FEE
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$370	370.00
<input type="checkbox"/> DESIGN FILING FEE	\$165	
<input type="checkbox"/> PLANT FILING FEE	\$255	\$510
<input type="checkbox"/> REISSUE FILING FEE	\$370	\$740
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80	\$160
SUBTOTAL (1)		\$370.00
		\$xxx

**2. CLAIMS:**

FOR:	NO. FILED	NO. EXTRA	RATE	FEES	RATE	FEES
TOTAL CLAIMS	102 - 20 =	82	x 9 =	738.00	x 18 =	
INDEP. CLAIMS	8 - 3 =	5	x 42 =	210.00	x 84 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+140 =		+280 =	
SUBTOTAL (2)				\$948.00		\$xxx

**3. ADDITIONAL FEES:**

FOR:	SMALL ENTITY	LARGE ENTITY
FEE	FEE PAID	FEE
<input type="checkbox"/> LATE FILING, FEE OR OATH	\$65	\$130
<input type="checkbox"/> NON-ENGLISH SPECIFICATION	\$130	\$130
<input type="checkbox"/> OTHER		
SUBTOTAL (3)		\$xxx
		\$xxx

**TOTAL FILING FEES: \$1,318.00**

A check is enclosed for the total amount: \$ 0

Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0980.

KING & SPALDING  
45<sup>th</sup> Floor, 191 Peachtree Street, N.E.  
Atlanta, Georgia 30303  
Telephone: 404.572.4600

By: A. Shane Nichols  
A. Shane Nichols, Attorney for Applicant  
Reg. No. 43,836  
2261060

Date: 12/21/01